| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Applica | ition | /Con | trol | No. |
|---------|-------|------|------|-----|
|---------|-------|------|------|-----|

09/593,424 Examiner

David L. Lewis

Applicant(s)/Patent under Reexamination

IRIE ET AL.

Art Unit

2629

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |          |                                     |          | Claim Date |  |  |  |                                     |   |                |       |          | _               | Claim Date |          |          |          |          |          |          |          |          |            |          |                |           |          |           |          |
|----------|----------|----------|-------------------------------------|----------|------------|--|--|--|-------------------------------------|---|----------------|-------|----------|-----------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------------|-----------|----------|-----------|----------|
| Cli      | aim      | L        |                                     |          |            | Date   | <u>e</u> _                                       |  | _                                   |   | -              | Cla   | im       | <u> </u>        | _          |          |          | ate      | •        | -        |          | 4        | Cli      | aim        | Ļ.,      |                |           | _        | )ate      | }_       |
| Final    | Original | 6/23/06  |                                     |          |            |  |  |  |                                     |   |                | Final | Original |                 |            |          |          |          |          |          |          |          | Final    | Original   |          |                |           |          |           |          |
| 1        | 1        | =        | $\vdash$                            | Т        |            |  | П  |  | Г                                   |   | 1              |       | 51       |                 |            |          |          |          |          |          |          | 1        |          | 101        |          |                |           |          |           | Г        |
| 2        | 2        | =        | Т                                   |          | Ī          |  |  |  |                                     |   | 1              |       | 52       |                 |            | $\Box$   | $\neg$   |          |          |          | 一        | 7        |          | 102        |          |                |           |          |           | Г        |
| 3        | 3        | =        |                                     |          |            |  | Г  |  |                                     |   | 1              |       | 53       |                 |            |          |          |          | $\neg$   |          | $\neg$   | 7        |          | 103        |          |                |           |          |           |          |
| 4        | 4        | =        |                                     |          |            |  |  |  |                                     |   | 1 [            |       | 54       |                 |            |          |          |          |          |          |          |          |          | 104        |          |                |           |          |           |          |
| 5        | 5        | =        | Γ                                   |          |            | Γ  | Г  |  |                                     |   | 1 [            |       | 55       |                 |            |          |          |          |          |          |          | ]        |          | 105        |          |                |           |          |           |          |
| 6        | 6        | =        | Г                                   | Г        |            |  |  |  |                                     |   | 1 [            |       | 56       |                 |            |          |          | $\neg$   |          |          |          | 7        |          | 106        |          |                |           |          |           |          |
|          | 7        |          |                                     |          |            |  |  |  |                                     |   |                |       | 57       |                 |            |          |          |          |          |          |          |          |          | 107        |          |                |           |          |           |          |
|          | 8        |          |                                     |          |            |  |  |  |                                     |   | ] [            |       | 58       |                 |            |          |          |          |          |          |          |          |          | 108        |          |                |           |          |           |          |
|          | 9        |          |                                     |          |            |  |  |  |                                     |   |                |       | 59       |                 |            |          |          |          |          |          |          |          |          | 109        |          |                |           |          |           |          |
|          | 10       |          |                                     |          |            |  |  |  |                                     |   | ] [            |       | 60       |                 |            |          |          |          |          |          |          |          |          | 110        |          |                |           |          |           |          |
| 7        | 11       | =        |                                     |          |            |  |  |  |                                     |   |                |       | 61       |                 |            |          |          |          |          |          |          | ╝        |          | 111        |          |                |           |          |           |          |
| 8        | 12       | =        |                                     |          |            |  |  |  |                                     |   | l L            |       | 62       |                 |            |          |          |          |          |          |          | ┙        |          | 112        |          |                |           |          |           | L        |
| 9        | 13       | =        |                                     |          |            |  |  |  |                                     |   | lL             |       | 63       |                 |            |          | _        |          |          |          |          | ┛        |          | 113        |          |                |           |          |           |          |
| 10       | 14       | =        | <u> </u>                            |          |            |  | L  |  |                                     |   | lL             |       | 64       | Ш               |            |          |          |          |          |          |          | ┙        |          | 114        |          |                |           |          |           |          |
| 11       | 15       | =        |                                     |          |            |  |  |  |                                     |   | lL             |       | 65       |                 |            |          |          |          |          |          |          | ┙        |          | 115        |          |                |           |          |           | L        |
| 12       | 16       | =        |                                     |          |            |  |  |  |                                     |   | lL             |       | 66       |                 |            |          | _        | _        |          |          |          | ┙        |          | 116        |          |                | $\Box$    |          |           | L        |
| 13       | 17       | =        |                                     | _        | <u> </u>   |  | L  | _  | L                                   |   | lL             |       | 67       |                 |            |          |          |          |          |          | $\perp$  | ╛        | <u></u>  | 117        |          |                |           |          |           | L        |
| 14       | 18       | =        |                                     |          | <u> </u>   |  |  | L  |                                     |   | ΙL             |       | 68       | Ш               |            |          |          | _        |          |          |          | ┙        | L        | 118        |          |                |           |          |           | L        |
| 15       | 19       | =        | _                                   | L_       |            | _  | _  | $oxed{oxed}$                                     | $oxed{oxed}$                        |   | lL             |       | 69       | Ш               | Ш          | $\Box$   | _        | _        |          |          |          | ╛        | <u></u>  | 119        | Щ        |                |           | _        | لــــ     | L        |
| 16       | 20       | 트        | Ш                                   |          | <u> </u>   | <u> </u>   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   | l ⊢            |       | 70       | Ш               |            | $\Box$   | _        | _        | _        |          | _        | 4        |          | 120        | Ш        | Щ              |           | _        | لـــ      | ᆫ        |
|          | 21       |          |                                     | L        | <u> </u>   |  | _  | _  |                                     |   | ╽┟             |       | 71       |                 |            | _        |          |          | _        |          |          | 4        | L        | 121        |          |                |           |          | لـــــ    | L        |
| <u> </u> | 22       |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u>   | <u> </u>   | _  | $\vdash$   | _                                   |   |                |       | 72       | $\sqcup$        |            | _        | _        | _        | _        | _        | _        | _        | <u> </u> | 122        | Щ        |                |           | _        |           | L        |
| L        | 23       | _        | ļ                                   |          | <u> </u>   | _  | <u> </u>   | <u> </u>   |                                     |   |                |       | 73       | Щ               |            |          |          | _        | _        |          |          | 4        | <u> </u> | 123        |          |                |           | _        |           | _        |
| <u> </u> | 24       | _        | ļ                                   | _        | ļ          |  | <u> </u>   | ┡  | _                                   |   | ΙL             |       | 74       | Ш               | $\Box$     | $\Box$   |          | _        | _        | _        |          | _        | <u> </u> | 124        |          |                |           | _        |           | _        |
|          | 25       |          | <u> </u>                            |          | <u> </u>   | _  |  | <u> </u>   | _                                   |   | -              |       | 75       | <u> </u>        |            | _        |          |          |          |          |          | 4        | ļ        | 125        |          |                |           |          |           | <u> </u> |
|          | 26       |          |                                     |          | _          | _  | _  | ļ  | _                                   |   | l ⊢            |       | 76       | <b></b>         |            |          |          | _        |          |          |          | 4        | ļ        | 126        | -        |                |           |          | $\square$ | _        |
| <u> </u> | 27       | <u> </u> | ļ                                   |          | <u> </u>   | <u> </u>   | <u> </u>   | ┡  | H                                   |   |                |       | 77       | Н               |            | _        |          | $\dashv$ | -        | _        |          | 4        | <u> </u> | 127        | -        | $\blacksquare$ | $\square$ | $\dashv$ | $\square$ | L        |
| <u> </u> | 28       | _        | ⊢                                   | _        | ⊢          | ┝  | $\vdash$   | ┡  | H                                   |   | l ⊢            |       | 78       | Н               | Н          | $\dashv$ |          | $\dashv$ | -        | _        | -        | -        | $\vdash$ | 128        | Н        | $\vdash$       | $\vdash$  | $\dashv$ | $\dashv$  | H        |
| <u> </u> | 29       |          | H                                   | ⊢        | ⊢          | <u> </u>   | -  | ┢  | -                                   |   | l ⊢            |       | 79       | -               |            | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -        | -        |          | 129        | <u> </u> |                |           |          |           | <u> </u> |
| -        | 30       | -        | <u> </u>                            |          | ├          |  | <u> </u>   | ├  | -                                   |   | l ⊢            |       | 80       | $\vdash$        | -          |          | -        |          | $\dashv$ |          | -        | 4        | <b></b>  | 130        | -        |                | -         | $\dashv$ |           | -        |
| -        | 31       |          | <del> </del>                        | <u> </u> | ├          | ┝  | ⊢  | ┢  | H                                   |   | l ⊢            |       | 81<br>82 | Н               | $\dashv$   | $\dashv$ |          | ↤        | -        | -        | _        |          |          | 131<br>132 | Н        | $\dashv$       |           | -        |           | -        |
| -        | 33       | -        | -                                   | -        | ├          | ⊢  | ⊢  | ╀  | H                                   |   | l ⊢            |       | 83       | Н               | $\dashv$   |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | -1       | $\vdash$ | 133        | Н        | -              |           | $\dashv$ | $\dashv$  | H        |
|          | 34       |          | ⊢                                   | ┝        | ├          | ┢  | ⊢  | ┢  | H                                   |   | l ⊢            |       | 84       | Н               | $\vdash$   |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -+       | -        |          | 134        | Н        | -              | $\vdash$  |          | _         | $\vdash$ |
|          | 35       | H        | -                                   | $\vdash$ | ⊢          | ┝  | -  | -  |                                     | _ | ▎├             |       | 85       | $\vdash$        |            | $\vdash$ | -        | $\dashv$ | -+       | $\dashv$ | $\dashv$ | -1       | $\vdash$ | 135        | Н        | Н              |           | -        |           | ⊢        |
| -        | 36       | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$   | <del> </del>                                     | ├  | +-   | $\vdash$                            |   | <del> </del> - |       | 86       | H               | -          | $\dashv$ | -        |          | +        | $\dashv$ | +        | $\dashv$ | $\vdash$ | 136        | Н        | $\vdash$       | $\dashv$  | $\dashv$ |           | $\vdash$ |
| -        | 37       | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$   | -  | ├  | ├  | $\vdash$                            | _ | ╎├             |       | 87       | Н               |            | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$ | 137        | $\vdash$ | $\vdash$       |           | -        |           | $\vdash$ |
| -        | 38       | H        | $\vdash$                            | ⊢        | $\vdash$   | $\vdash$   | $\vdash$   | ╁  | $\vdash$                            |   | <b> </b> -     |       | 88       | $\vdash$        | $\vdash$   |          | $\dashv$ | $\dashv$ | -        | -        | -+-      | $\dashv$ | $\vdash$ | 138        | $\vdash$ |                | $\dashv$  | $\dashv$ | $\dashv$  | $\vdash$ |
| -        | 39       | -        | -                                   |          | $\vdash$   | <del>                                     </del> | ├  | $\vdash$   | $\vdash$                            |   | -              |       | 89       | $\vdash$        |            | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | 139        |          | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$  | $\vdash$ |
| -        | 40       | $\vdash$ | H                                   | ├-       | -          | $\vdash$   | $\vdash$   | ╁  |                                     | - | -              |       | 90       | $\vdash \vdash$ |            | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | ┨        | $\vdash$ | 140        | $\vdash$ | $\vdash$       | $\dashv$  | $\dashv$ |           | $\vdash$ |
| -        | 41       | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | ┢  | -                                   |   | l ⊢            |       | 91       | $\vdash$        | $\dashv$   |          |          | $\dashv$ | $\dashv$ |          | -+       | $\dashv$ | -        | 141        | $\vdash$ |                | $\dashv$  | $\dashv$ | $\dashv$  | $\vdash$ |
|          | 42       | Н        | $\vdash$                            | $\vdash$ |            |  | $\vdash$   | $\vdash$   | $\vdash$                            | _ |                |       | 92       | $\vdash$        | -          | $\dashv$ | $\dashv$ |          | +        | $\dashv$ | -        | ┨        | $\vdash$ | 142        | $\vdash$ | $\vdash$       | $\dashv$  | $\dashv$ | $\dashv$  | $\vdash$ |
| <b></b>  | 43       | Н        | $\vdash$                            | -        | ┢═         | $\vdash$   | -  | <del> </del>                                     | Н                                   | - |                |       | 93       | $\vdash$        | $\vdash$   | -+       | $\dashv$ | -        | $\dashv$ |          | -+-      | $\dashv$ |          | 143        | $\vdash$ | $\vdash$       | $\vdash$  | -        |           | $\vdash$ |
| <b></b>  | 44       | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | H                                   |   | -              |       | 94       | $\vdash$        | $\vdash$   | $\dashv$ | $\dashv$ | 一        | $\dashv$ |          | -+-      | +        | $\vdash$ | 144        | Н        | $\vdash$       |           | $\dashv$ | $\dashv$  | $\vdash$ |
|          | 45       | Н        | $\vdash$                            | $\vdash$ | ┢          | $\vdash$   | $\vdash$   | <del>                                     </del> | Н                                   | _ | -              |       | 95       | Н               | $\dashv$   |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | ٦        | $\vdash$ | 145        | Н        | $\dashv$       | -+        | $\dashv$ | $\dashv$  | H        |
| $\vdash$ | 46       | $\vdash$ |                                     | _        |            | Т  | Т  |  | Н                                   | _ | -              |       | 96       | $\vdash$        |            | $\dashv$ | $\dashv$ | 寸        | +        | $\dashv$ | $\dashv$ | 1        | $\vdash$ | 146        | Н        | $\dashv$       | $\dashv$  | -        | -         | $\vdash$ |
|          | 47       | Н        | $\Box$                              |          |            |  |  |  | $\vdash$                            |   | -              |       | 97       | -               | 一          | 一        | $\dashv$ | $\dashv$ | $\dashv$ |          | -+-      | 1        | $\vdash$ | 147        | Н        | $\vdash$       | +         | ᅥ        | $\dashv$  | $\vdash$ |
|          | 48       | Н        |                                     |          | Г          | Г  | $\vdash$   | Г  | Н                                   |   | -              |       | 98       | $\vdash$        | _          | _        | 7        |          | $\dashv$ | $\dashv$ | _        | 7        |          | 148        | Н        |                | _         | ᅥ        | $\dashv$  | Н        |
|          | 49       | П        | Н                                   |          |            |  | $\vdash$   | П  | М                                   | 7 | ▎├             |       | 99       | $\vdash$        | 一          | 一十       | 7        | 寸        | $\dashv$ | ᅥ        | -        | 7        |          | 149        | H        |                |           | -        | -         | $\vdash$ |
|          | 50       | Н        | Н                                   |          | П          | П  |  | Г  | Н                                   |   | -              |       | 100      | $\Box$          | _          | 一        | _        | $\dashv$ | 十        | 一        | $\top$   | 1        |          | 150        |          | -              | _         | ┪        |           | _        |
|          |          |          |                                     | _        |            | _  | _  | _  | _                                   |   |                |       |          |                 |            |          |          |          |          |          |          | _        |          |            | —        |                |           |          | _         |          |